

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yukihito TAKEDA

Serial No: Not assigned

Filed: September 23, 2003

For: Decimation Filter and Interpolation Filter

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

000026021

03917 U.S. PTO  
10/668631

Transmitted herewith for filing is the patent application identified above.

10 sheet(s) of drawings ( formal  informal) is(are) enclosed.

14 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.

An assignment of the invention to SANYO ELECTRIC CO., LTD.  is enclosed  will follow.

An associate power of attorney  is enclosed  will follow.

Applicant claims small entity status. See 37 CFR 1.27.

Declaration and Power of Attorney  is enclosed  will follow.

A certified copy of Japanese Patent Application No. 2002-279020 filed September 25, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.

IDS enclosed ( with        reference(s)).

Preliminary Amendment is enclosed.

Application data sheet is enclosed. See 37 CFR 1.76.

Return postcard is enclosed.

## CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
				LG=\$18 SM=\$9	\$18		
A	TOTAL CLAIMS FEE	8	-20	0	LG=\$18 SM=\$9	\$ 0	
B	INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$84 SM=\$42	\$84	\$ 0
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					0	
D	MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E	BASIC FEE				LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375	\$ 750	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 750	
G	ASSIGNMENT RECORDING FEE					\$ 40	\$ 40

\*LIST INDEPENDENT CLAIMS 1 and 5.

Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.

A check in the amount of \$ 750.00 to cover the filing fee is enclosed.

A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.

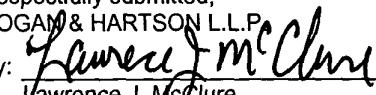
The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. 1.16

Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,

HOGAN &amp; HARTSON L.L.P.

By: 

Lawrence J. McClure

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Date: September 23, 2003

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PATENT  
Attorney Docket No: 81784.0286

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Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 325 217 505 US

Date of Deposit: September 23, 2003

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 750.00 as filing fee
- patent application (14 page(s) of specification; 8 claim(s); 1 page(s) of abstract
- 10 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to SANYO ELECTRIC CO., LTD.
- certified copy of Japanese patent application No. 2002-279020 which was filed September 25, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Date: September 23, 2003

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Roeshene Carbonilla

Name of person mailing papers

R.M. Carbonilla, Jr.

Signature